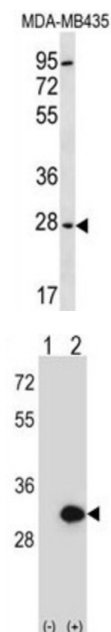


Bisphosphoglycerate Mutase (BPGM) Antibody

Catalogue No.: abx026919



2, 3-diphosphoglycerate (2, 3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2, 3-DPG synthesis via its synthetase activity, and 2, 3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Target: Bisphosphoglycerate Mutase (BPGM)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 230-259 amino acids from the C-terminal region of human BPGM.

Isotype: IgG

Datasheet

Version: 3.0.0

Revision date: 24 May 2025



Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07738 (UniProt , ExPASy)
KEGG:	hsa:669
String:	9606.ENSP00000376840
Molecular Weight:	Calculated MW: 30 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey BPGM.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only